

STATE OF COLORADO

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Dedicated to protecting and improving the health and environment of the people of Colorado

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Colorado Department
of Public Health
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2013 Floods – Guidance: Demolition and Disposal of Mobile Homes and Trailers

Note: This Guidance only applies to mobile homes and trailers impacted by the 2013 flood. The guidance may be updated one or more times in the future as conditions and circumstances dictate. Any future updates to this guidance will be posted on the department's [flood resources page](#).

- I. If an entity (city, county or property owner) is demolishing these mobile homes/trailers, they or their contractor must comply with the following requirements:**
 - A. The mobile homes/trailers must be designated as Tier 1 debris (please see the document – “**2013 Floods – Guidance: Management and Disposal of Flood Debris**”). Designation must be by a local city or county construction official.
 - B. “White goods” (this definition can be found in the document – “**2013 Floods – Guidance: Management and Disposal of Flood Debris**”) should be removed prior to demolition, to the extent that such removal can be done safely.
 - C. The state demolition permit requirement is waived; however, written notice of the proposed demolition activity must be made to the Asbestos Unit at the Colorado Department of Public Health and Environment at this e-mail address: cdphe.asbestos@state.co.us, using the official notification form, which can be found on the Unit’s webpage at <http://www.colorado.gov/cdphe/asbestos>. The notification fee is waived, as is the 10-working day advance notification requirement. Multiple trailers may be listed on one notification form.
- II. If mobile homes/trailers are to be transported to the landfill intact:**
 - A. Mobile homes/trailers must first be thoroughly wetted prior to handling in order to suppress visible emissions.
 - B. Trucks/loads must be properly covered during transportation to the landfill.
 - C. Mobile homes/trailers that are known to contain asbestos must be disposed of as asbestos waste in accordance with Section 5 of the Solid Waste Regulations; otherwise, dispose of them at landfills referenced in “**2013 Floods – Guidance: Management and Disposal of Flood Debris**” (<http://goo.gl/maps/l3ksY>). These landfills will dispose of the mobile homes/trailers following guidance supplied to them by the CDPHE – (See Section IV., below). Please contact the landfill prior to beginning transportation of debris.
 - D. Loads must be taken directly to the landfill – not to a transfer station.

III. If mobile homes/trailers are to be demolished on site:

- A. Mobile homes/trailers must first be thoroughly wetted prior to and during demolition to control and suppress visible emissions.
- B. Air monitoring for asbestos must be conducted during demolition activities by an Air Monitoring Specialists (AMS) certified by the CDPHE. A list of AMS can be found on the Asbestos Unit's webpage. The AMS should place samples as close to the demolition activities as possible. PCM analysis of the samples is acceptable.
- C. Trucks/loads must be properly covered during transportation to the landfill.
- D. Mobile homes/trailers that are known to contain asbestos must be disposed of as asbestos waste in accordance with Section 5 of the Solid Waste Regulations; otherwise dispose of at landfills referenced in "**2013 Floods – Guidance: Management and Disposal of Flood Debris**" (<http://goo.gl/maps/l3ksY>). Please contact the landfill prior to beginning transportation of debris.
- E. Loads must be taken directly to the landfill – not to a transfer station.
- F. If you wish to recycle the steel foundation beams they must be inspected by a certified asbestos building inspector and found to be free of asbestos-containing materials prior to recycling.
- G. Remove the top 2" of soil impacted around the demolition area after all debris has been removed.

If the mobile homes and trailers have not been designated as Tier 1 materials they must be handled as Tier 2 suspect building materials which are subject to specific inspection, notification, demolition and disposal requirements. Please see the document "**2013 Floods – Guidance: Management and Disposal of Flood Debris**" for further information.

This Guidance covers state of Colorado requirements, only, and is not intended to alter any federal requirements (e.g., EPA, OSHA, etc.) that may also apply with respect to debris cleanup and worker safety. Please contact the appropriate federal agencies if you have questions regarding the applicability of their regulations.

IV. For landfills accepting intact mobile homes/trailers:

Mobile homes/trailers that are still intact do not require a state demolition permit prior to acceptance, compaction or disposal at the landfill; however, written notification (See Section I.C., above) must be made to the Asbestos Unit at the Colorado Department of Public Health and Environment prior to transportation of the units to the landfill. No recycling or segregation of waste can take place.

To minimize potential emissions associated with asbestos fibers or other airborne contaminants during compaction, choose one of the following options:

- A. Option 1
 - a. Mobile homes/trailers to be compacted at the landfill should be placed into an excavation prepared at the working face sized to accept the unit and then two feet of MSW placed over the unit prior to compaction.
- B. Option 2
 - a. Mobile homes/trailers should be compacted at least 100 feet away from areas used by the public, or after hours when public is not given access to the site.
 - b. Mobile homes/trailers should not be compacted when winds are in excess of 20 mph sustained or gusts exceeding 30 mph.
 - c. Mobile homes/trailers should be compacted within an envelope of water mist to reduce emissions. Excess water stream should be avoided as this would be counter-productive to the goal of reducing emissions.
 - d. Cover compacted trailer debris immediately with 9 inches of clean cover soil or 18 inches of non-asbestos cover material. Alternative daily cover such as hydromulch should not be used as cover for this waste stream.